

Substitute for Form 1449/PTO <h2 style="margin: 0;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p style="margin: 0; font-size: small;">(use as many sheets as necessary)</p>				Complete if Known	
				Application Number	New Patent Application 10/672849
				Filing Date	Concurrently herewith
				First Named Inventor:	David A.G. Deacon
				Art Unit	Not Yet Assigned 2/28
				Examiner Name	Not Yet Assigned
Sheet	1	of	4	Attorney Docket Number	42P15254C

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (If known)				
p w ↓	1	us-	5,488,681	01/30/1996	Deacon et al.	
	2	us-	2002/0197013 A1	12/26/2002	Liu et al.	
	3	us-	4,358,851	11/09/1982	Scifres et al.	
	4	us-	4,582,390	04/15/1986	Furuya	
	5	us-	4,896,325	01/23/1990	Coldren	
	6	us-	5,379,318	01/03/1995	Weber	
	7	us-	5,497,393	03/05/1996	Lee	
	8	us-	5,652,812	07/29/1997	Gurib et al.	
	9	us-	5,732,102	03/24/1998	Bouadma	
	10	us-	5,748,660	05/05/1998	Delorme et al.	
	11	us-	5,857,039	01/05/1999	Bosc et al.	
	12	us-	6,236,774 B1	05/22/2001	Lackritz et al.	
		us-				
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FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			

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		Application Number	New Patent Application 10672 848
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		First Named Inventor:	David A.G. Deacon
		Art Unit	Not Yet Assigned 2828
		Examiner Name	Not Yet Assigned
Sheet 2	of 4	Attorney Docket Number 42P15254C	

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
DW	13	RIGOLE, P.J., et al., "State-of-the-art: Widely tunable lasers," <i>SPIE</i> , Vol. 3001, pp. 382-393	
	14	KUNII, T., et al., "Wavelength Tunable Light Source," <i>OKI Technical Review</i> 152, Vol. 61, May 1995, pp. 89-92	
	15	WOODWARD, S.L., et al., "A DBR Laser Tunable by Resistive Heating," <i>IEEE</i> , Vol. 4, No. 12, Dec. 1992, pp. 1330-1332	
	16	KOKUBUN, Y., et al., "Temperature-Independent Optical Filter At 1.55 μ m Wavelength Using A Silica-Based Athermal Waveguide," <i>IMG2</i> 1-3, pp. 93-95	
	17	SARLET, G., et al., "Control of Widely Tunable SSG-DBR Lasers for Dense Wavelength Division Multiplexing," <i>J. of Lightwave Tech.</i> , Vol. 18, o. 8, August 2000, pp. 1128-1129	
	18	SARLET, G. et al., "Wavelength and Mode Stabilization of Widely Tunable SG-DBR and SSG-DBR Lasers," <i>IEEE</i> , Vol. 11, No. 11, November 1999, pp. 1351-1353	
	19	MASON, B., et al., "Design of Sampled Grating DBR Lasers with Integrated Semiconductor Optical Amplifiers," <i>IEEE</i> , Vol. 12, No. 7, July 2000, pp. 762-764	
	20	KAMEDA, T., et al., "A DBR Laser Employing Passive-Section Heaters, with 10.8 nm Tuning Range and 1.6 MHz Linewidth," <i>IEEE</i> , Vol. 5, No. 6, June 1993, pp.608-610	
	21	ISHII, H. et al., "Narrow Spectral Linewidth Under Wavelength Tuning in Thermally Tunable Super-Structure-Grating (SSG) DBR Lasers," <i>IEEE</i> , Vol. 1, No. 2, June 1995, pp. 401-407	
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✓	23	LIU, H.F., et al., "Generation of Wavelength-Tunable Transform-Limited Pulses from a Monolithic Passively Mode-Locked Distributed Bragg Reflector Semiconductor Laser," <i>IEEE</i> Vol. 7, No. 10, October 1995, pp. 1139-1141	

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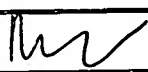
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DW	24	JAYARAMAN, V., et al., "Widely Tunable Continuous-Wave InGaAsP/InP Sampled Grating Lasers," <i>Elec. Ltrs.</i> , Vol. 30, No. 18, 09/01/94, pp. 1492-1494	
	25	JAYARAMAN, V., et al., "Extended Tuning Range in Samples Grating DBR Lasers," <i>IEEE</i> , Vol. 5, No. 5, May 1993, pp. 489-491	
	26	LEE, S.L., et al., "Direct Modulation Of Widely Tunable Sampled Grating DBR Lasers," <i>SPIE</i> , Vol. 2690, pp. 223-230	
	27	JAYARAMAN, V., et al., "Demonstration of Broadband Tunability in a Semiconductor Laser Using Sampled Gratings," <i>Appl. Phys. Lett.</i> , Vol. 60, No. 19, May 11, 1992, pp. 2321-2323	
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	29	JAYARAMAN, V., et al., "Continuous-Wave Operation of Sampled Grating Tunable Lasers with 10 mwatt Output Power, >60nm tuning, and Monotonic Tuning Characteristics," <i>Indium Phosphide Conference</i> , Santa Barbara, CA, paper no. MC2, pp. 33-36, March 1994, pp. 82-85	
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	31	BOUADMA, N., et al., "Integration of a Laser Diode with a Polymer-Based Waveguide for Photonic Integrated Circuits," <i>IEEE</i> , Vol. 6, No. 10, October 1994, pp. 1188-1190	
	32	DIEMEER, M.B.J., et al., "Polymeric Optical Waveguide Switch Using the Thermo-optic Effect," <i>IEEE</i> , Vol. 7, No. 3, March 1989, pp.449-453	
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	34	TADA, K., et al., "Temperature Compensated Coupled Cavity Diode Lasers," <i>Optical & Quantum Elect.</i> , 16, 1984, pp. 463-469	

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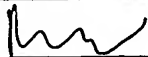
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DV	35	FURUYA, K., et al., "A Novel Deposit/Spin Waveguide Interconnection (DSWI) for Semiconductor Integrated Optics," <i>IEEE</i> , Vol. QE-18, No. 10, October 1982, pp. 1783-1789	
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	37	OH, M.C., et al., "Polymeric Wavelength Filters with Polymer Gratings," <i>Appl. Phys. Lett.</i> , Vol. 72, No. 13, March 30, 1998, pp. 1559-1561	
	38	MANOLATOU, C., et al., "High Density Integrated Optics," <i>J. of Lightwave Tech.</i> , Vol. 17, No. 9, Sept. 1999, pp. 1682-1692	
	39	ELDADA, L., et al., "Integrated Multichannel OADM's Using Polymer Bragg Grating MZI's," <i>IEEE</i> , Vol. 10, No. 10, October 1998, pp. 1416-1418	
	40	ELDADA, L., et al., "Thermally Tunable Polymer Bragg Grating OADM's," <i>OFC '99 100C</i> , Technical Digest Conf. Edition, Feb. 25, 1999, pp. 98-100	
	41	ELDADA, L., et al., "Thermo-Optically Active Polymeric Photonic Components," <i>OFC '2000</i> , Technical Digest Series, March 8, 2000, pp. 124-126	

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